

DETAILED ACTION

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Cheng-Kang, Hsu on 4/14/08.

Re claim 8, *Before "A program" add/insert "A computer-readable medium having".*

Allowable Subject Matter

1. Claims 1-5,7-8 are allowed.

RE claim 1, Hirayanagi disclose of the object equipped with ultra-directional speaker, said object comprising: a modulator for modulating an ultrasonic carrier signal with an input electric signal from an audible sound signal source.

However, None of the prior art of record disclose of the specific wherein the having a voice recognition and an automatic gain control device for measuring a distance between said moving object and a target and controlling gain

Art Unit: 2615

adjustment of a sound level of said modulated voice signal based on said distance between said moving object and said target and wherein the starting or ending generating said voice signal, said voice recognition and generation device send a talk event signal to the automatic gain control device so as to respectively start measuring or stop measuring said distance between said moving object and said target.

Similarly Re claims 1,7-8 have been analyzed and allowed partly for incorporating the similar limitation as in claim 1.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DISLER PAUL whose telephone number is (571)270-1187. The examiner can normally be reached on 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chin Vivian can be reached on 571-272-7848. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2615

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/D. P./

Examiner, Art Unit 2615

/Vivian Chin/

Supervisory Patent Examiner, Art Unit 2615